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IN THE US PATENT AND TRADEMARK OFFICE

Applicants: George D. CHANDLEY et al.

January 27, 2004

For: TITANIUM ALUMINIDE MATERIAL RESISTANT TO

MOLTEN ALUMINUM

Serial No.: 09/740 708

Group: 1742

Filed: Dec. 19, 2000

Examiner: Combs

Confirmation No. 5022

Mail Stop AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION UNDER 37 CFR 1.116

Dear Sir:

Please amend the above application as follows:

IN THE CLAIMS:

1-9. (Withdrawn)

10. (Previously presented) A method of increasing the service life of a titanium aluminide alloy in contact with a molten metallic material comprising aluminum, comprising including in the titanium aluminide alloy a rare earth element in an effective amount to prolong resistance to attack of the alloy by the molten metallic material and contacting the alloy with the molten metallic material.

OK to
enter
Jan
2/27/04